

FIG. 1

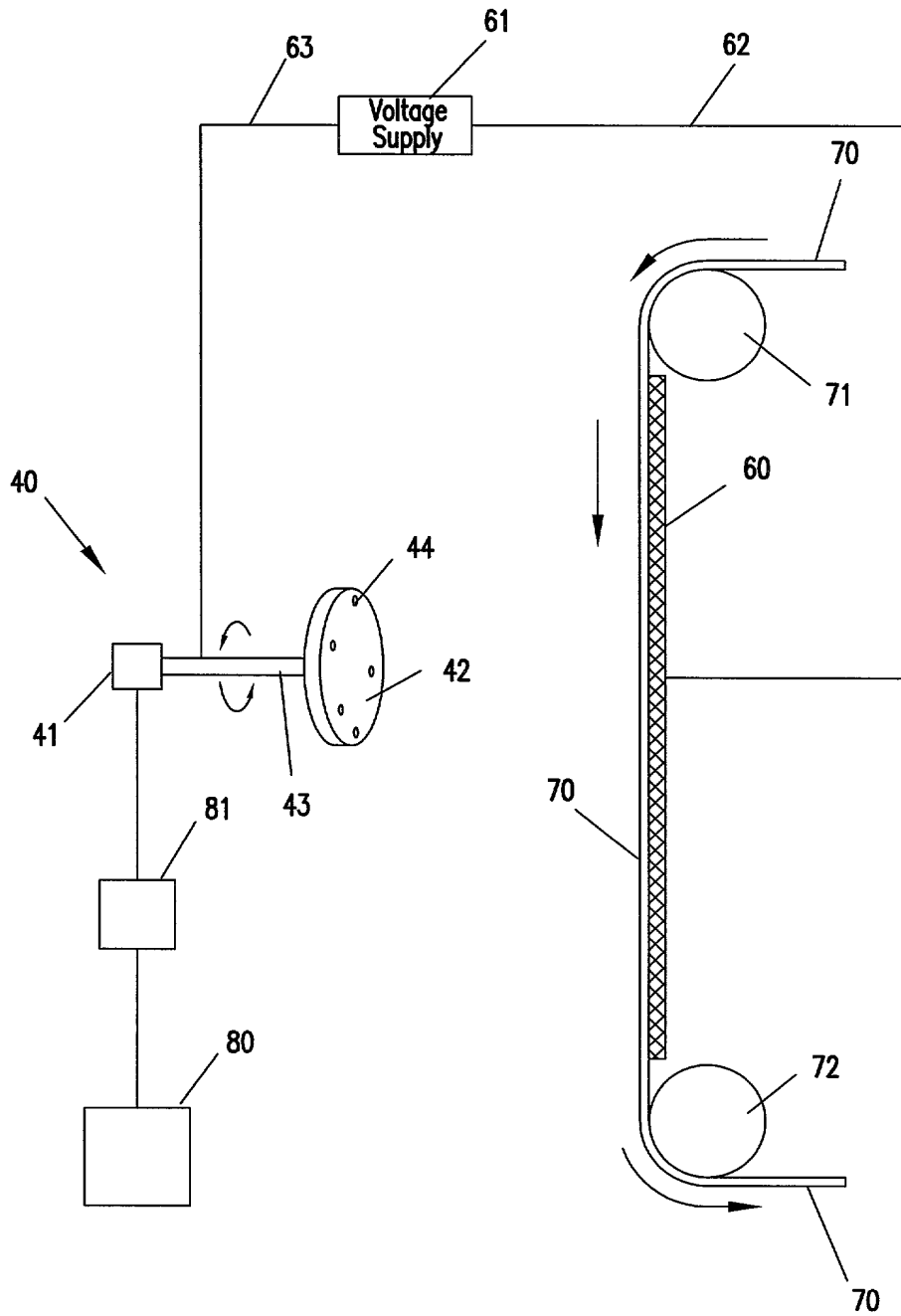




FIG. 3A

Cellulose Media

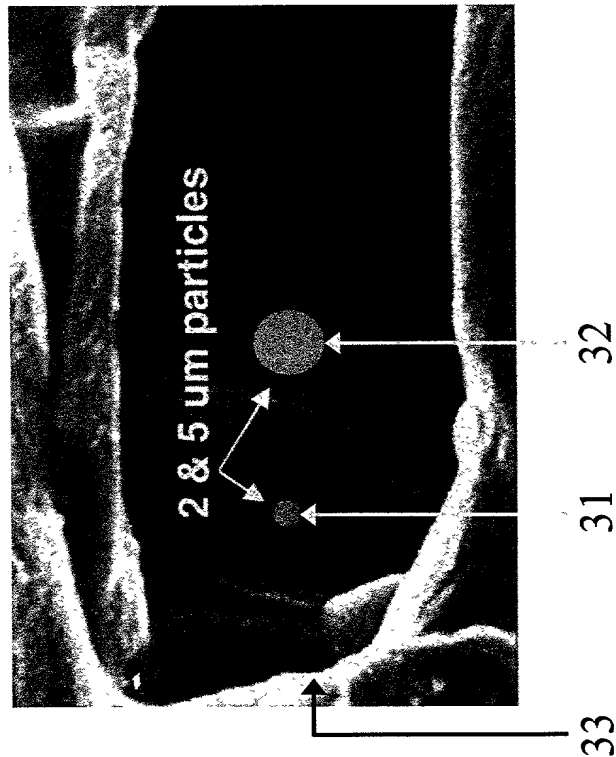
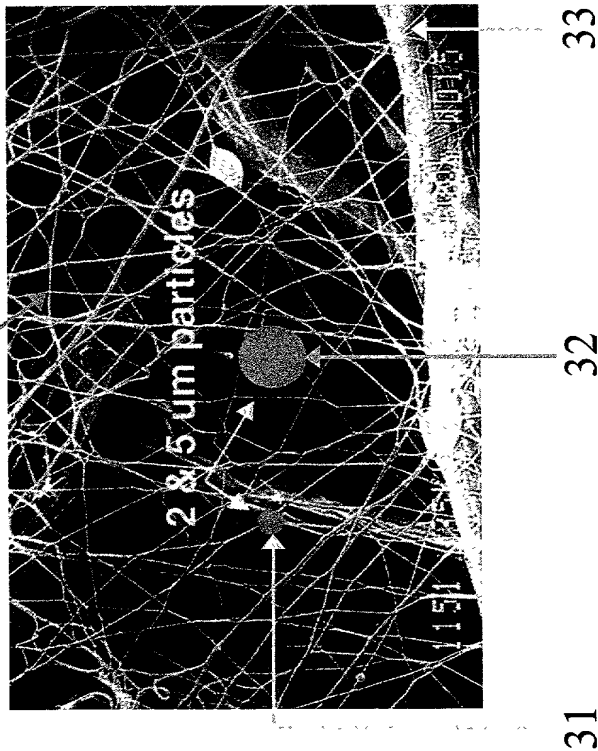


FIG. 3B

Ultra-Web



2,000 X Scanning Electron Microscope Images

FIG. 4

ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN

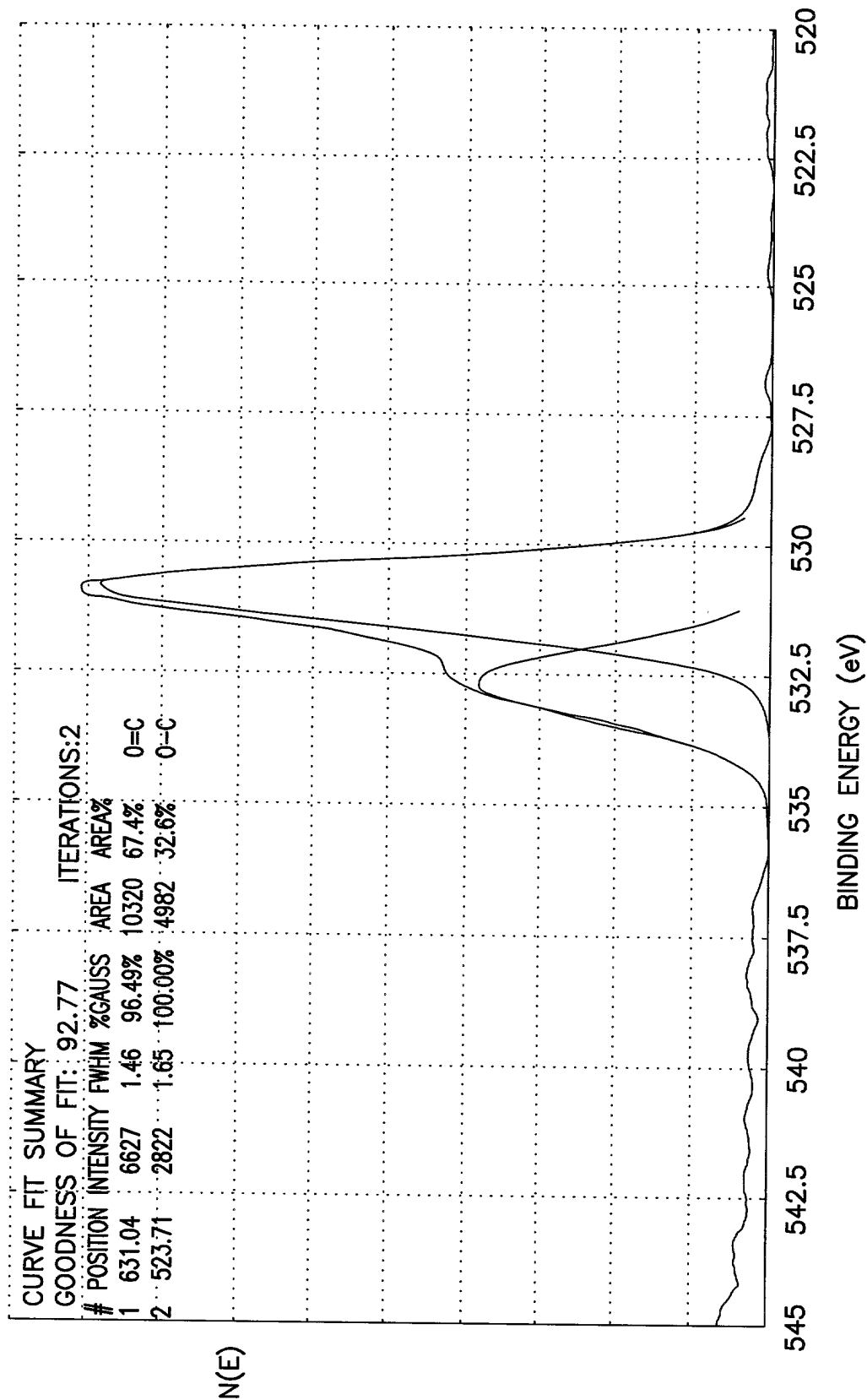


FIG. 5 ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A

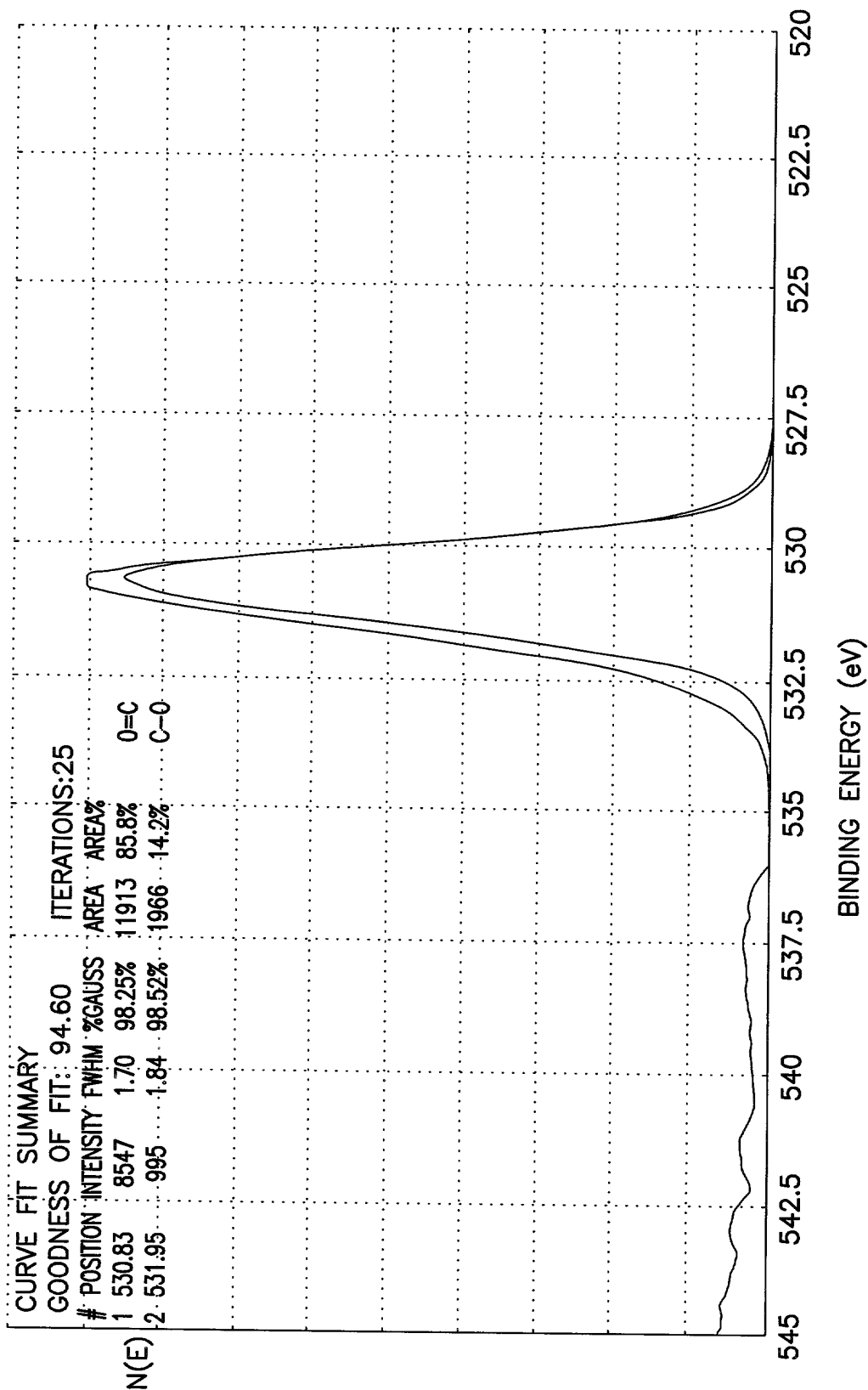


FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B

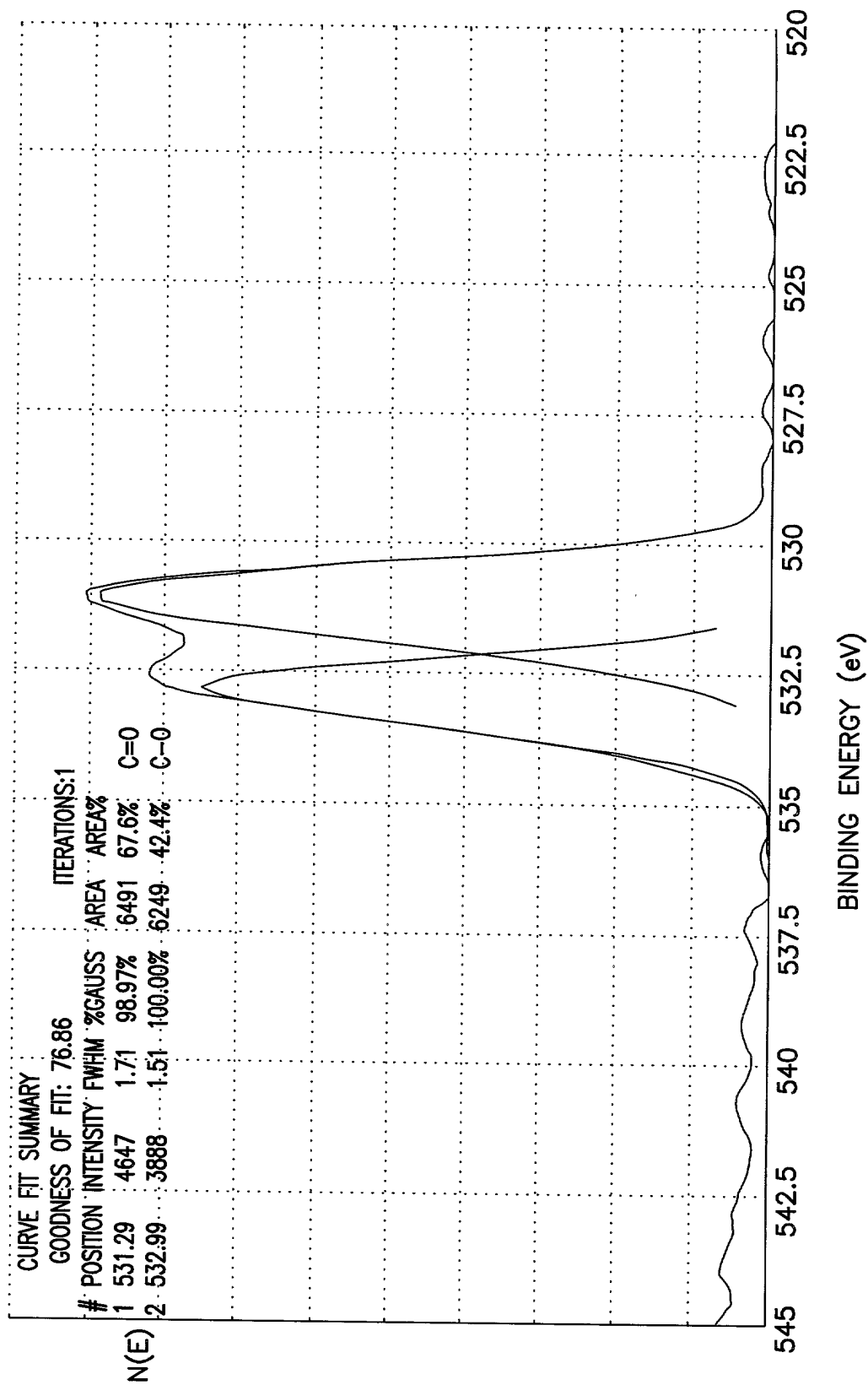


FIG. 7

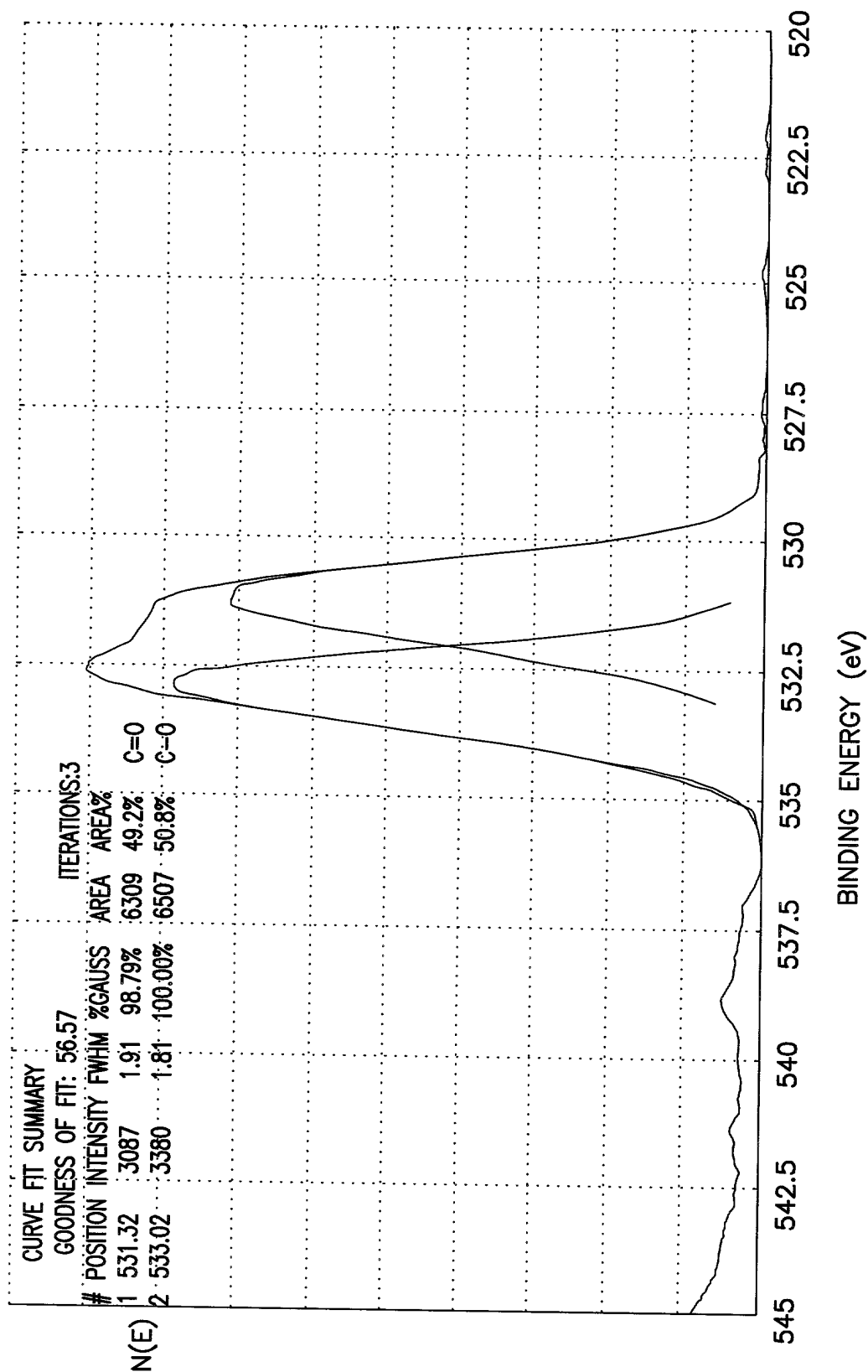


FIG. 8
ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A

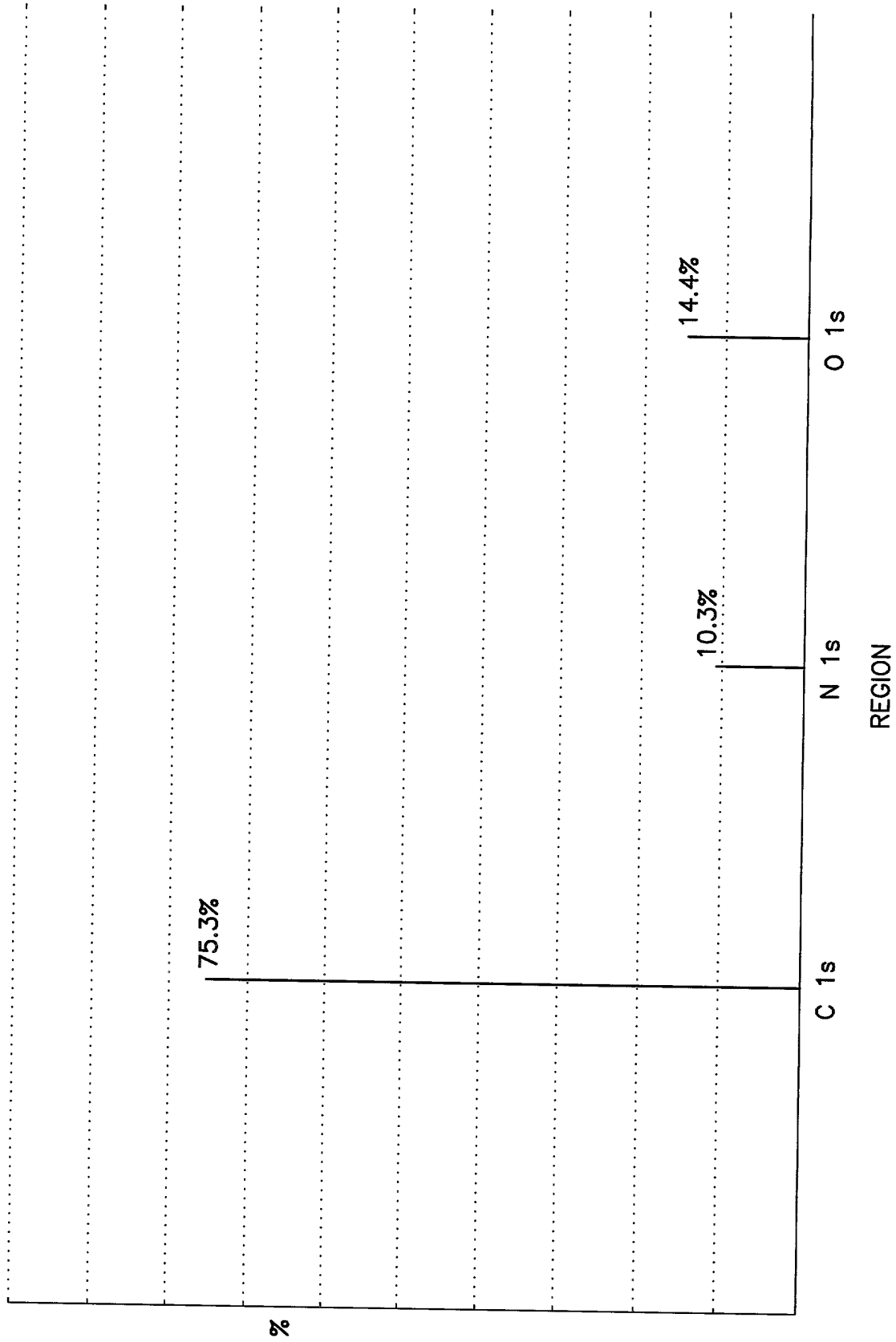


FIG. 9 ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A

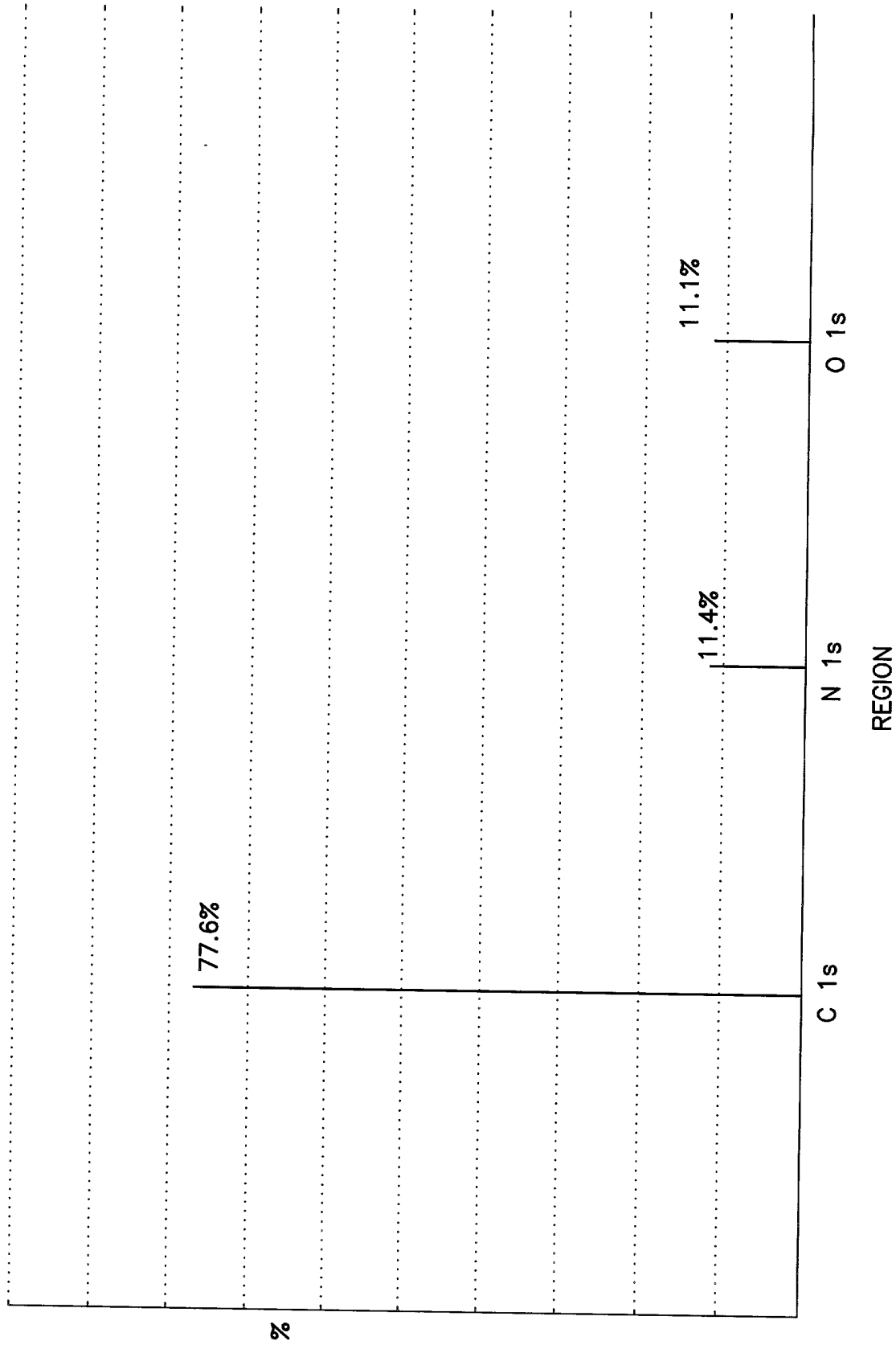


FIG. 10 ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B

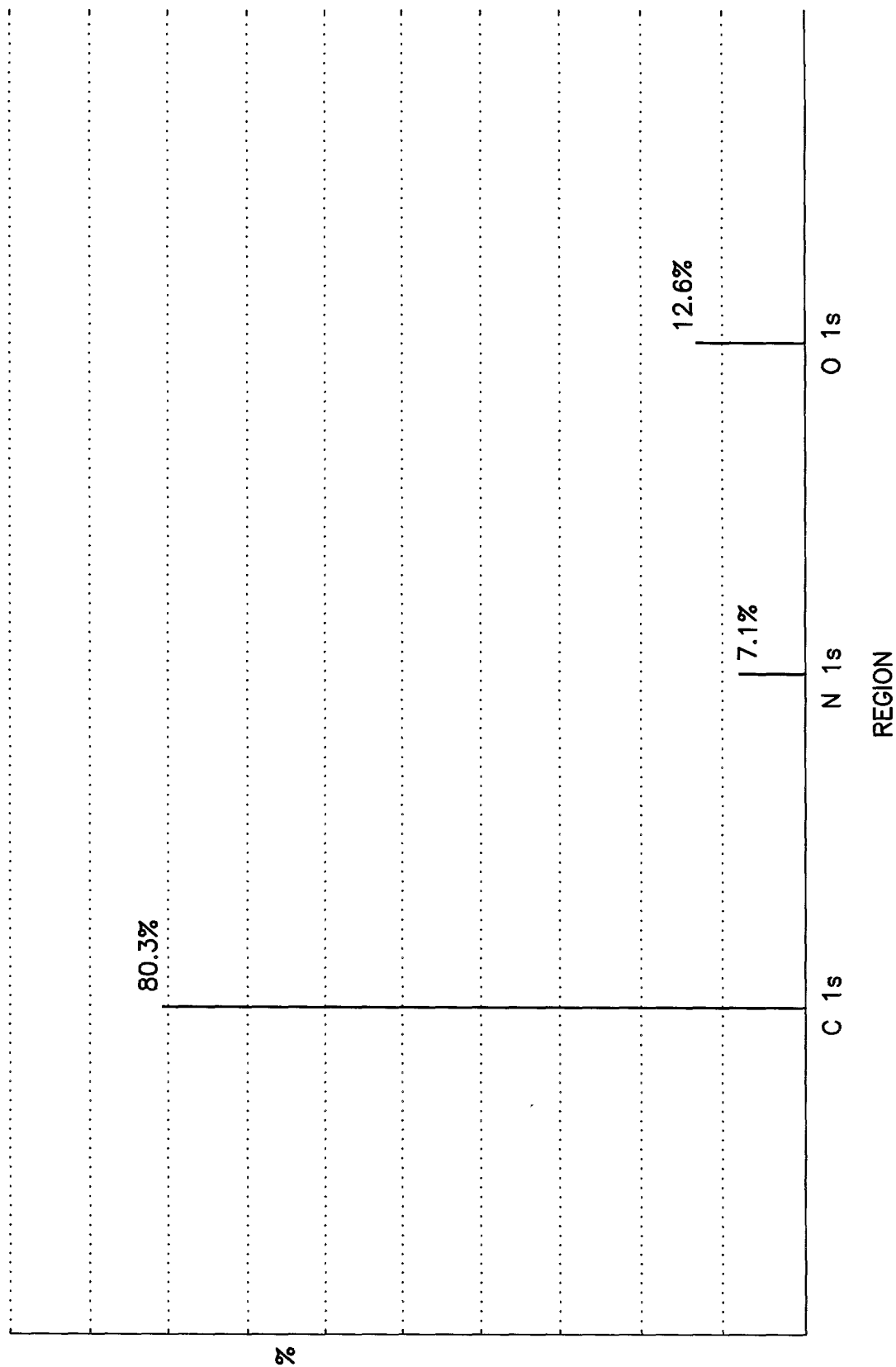


FIG. 11 ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

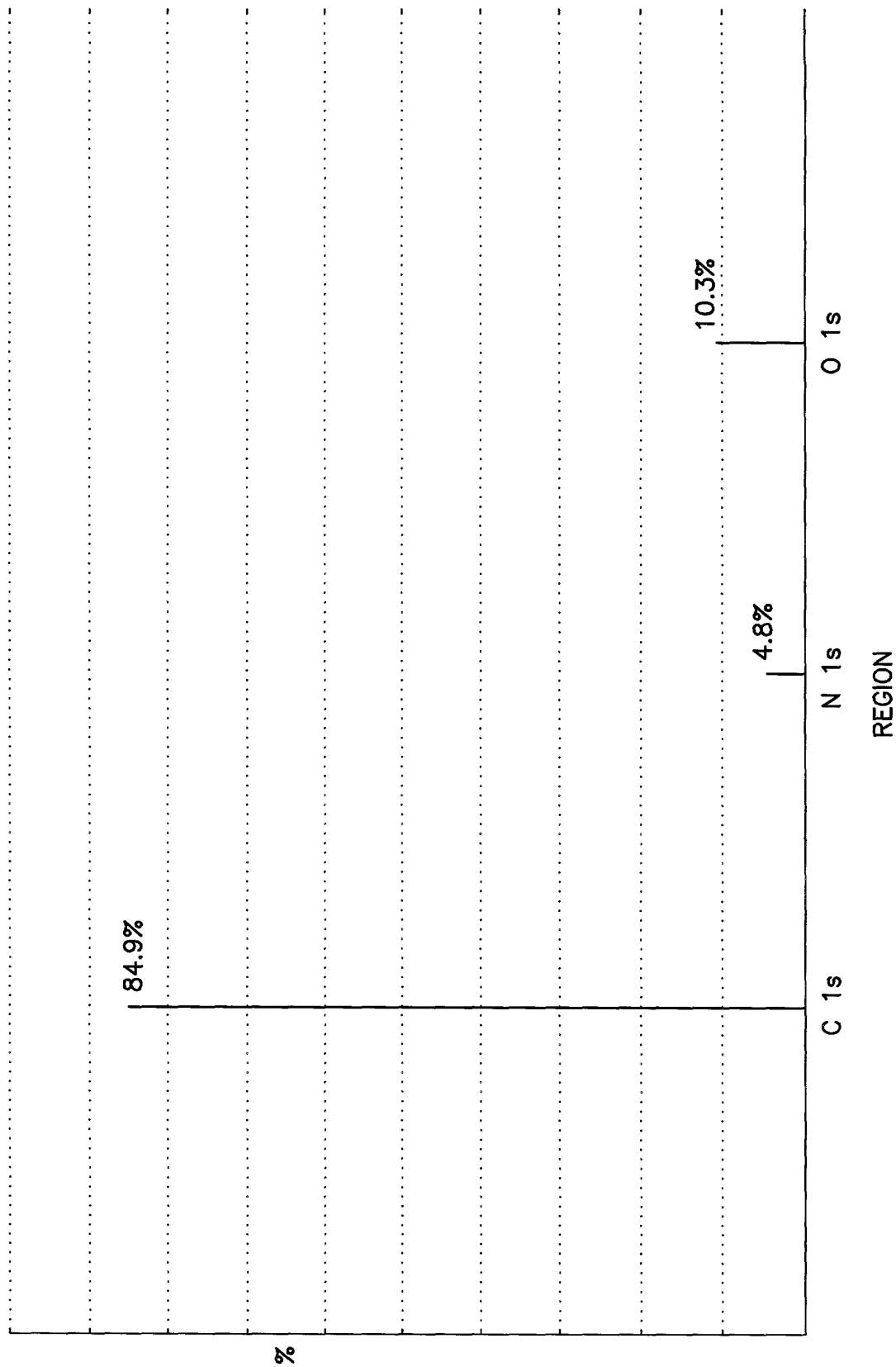


FIG. 12

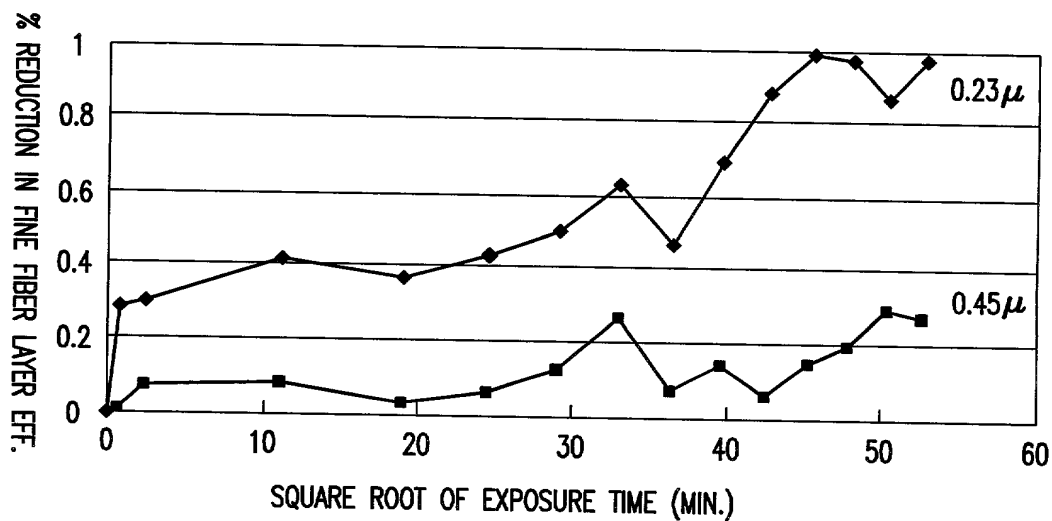


FIG. 13

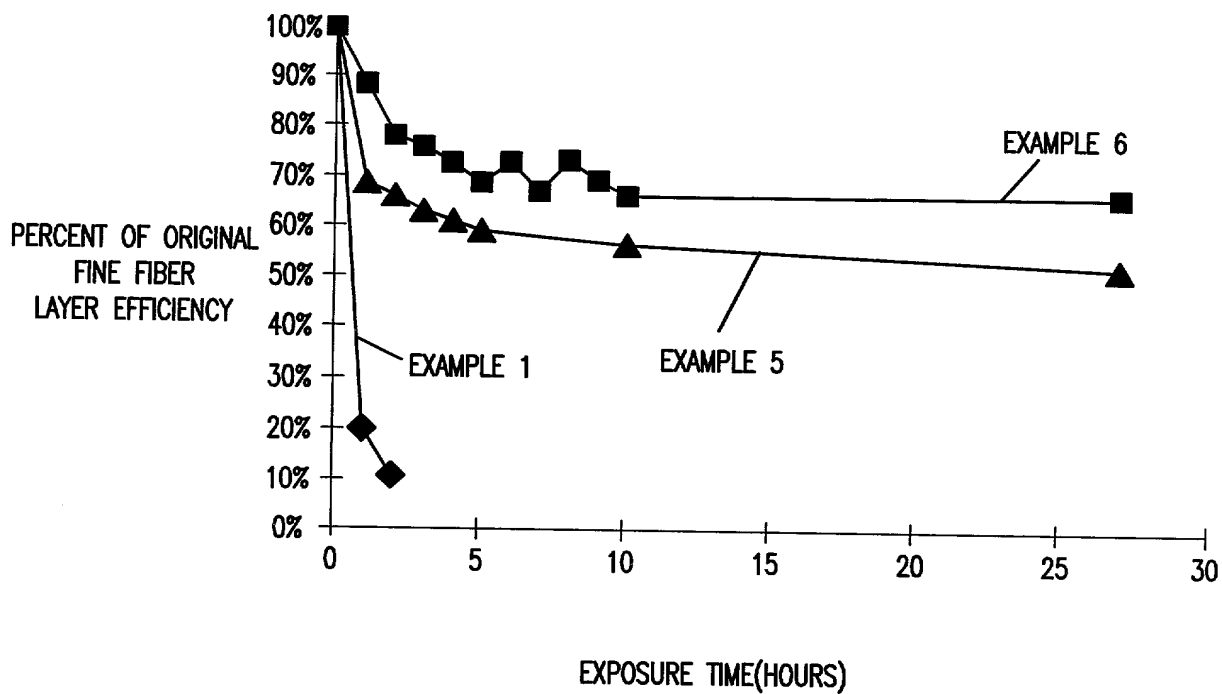


FIG. 14

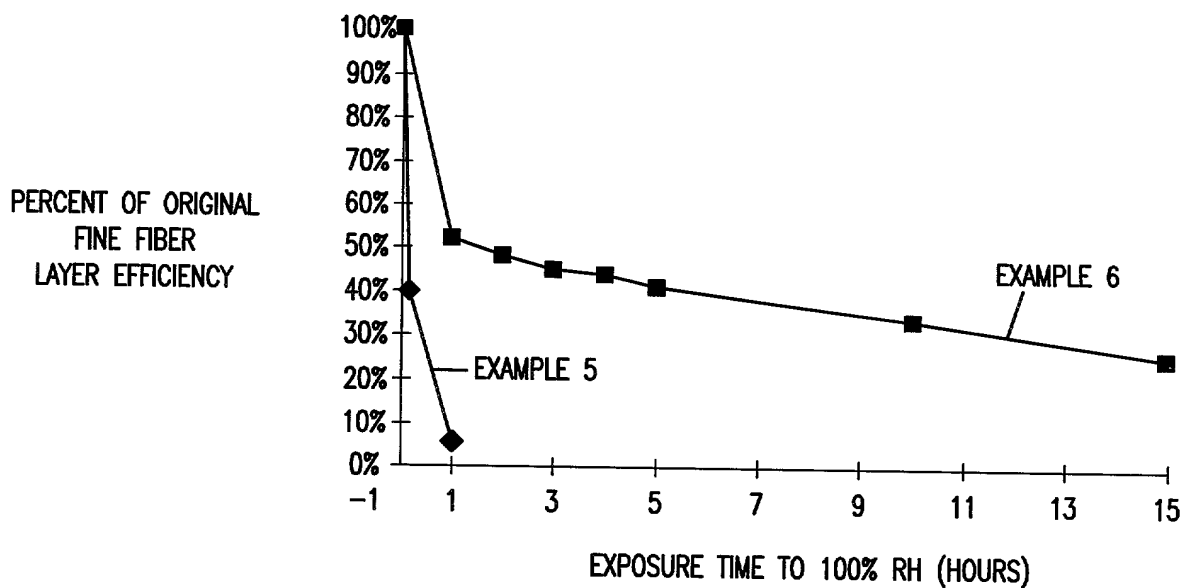


FIG. 15

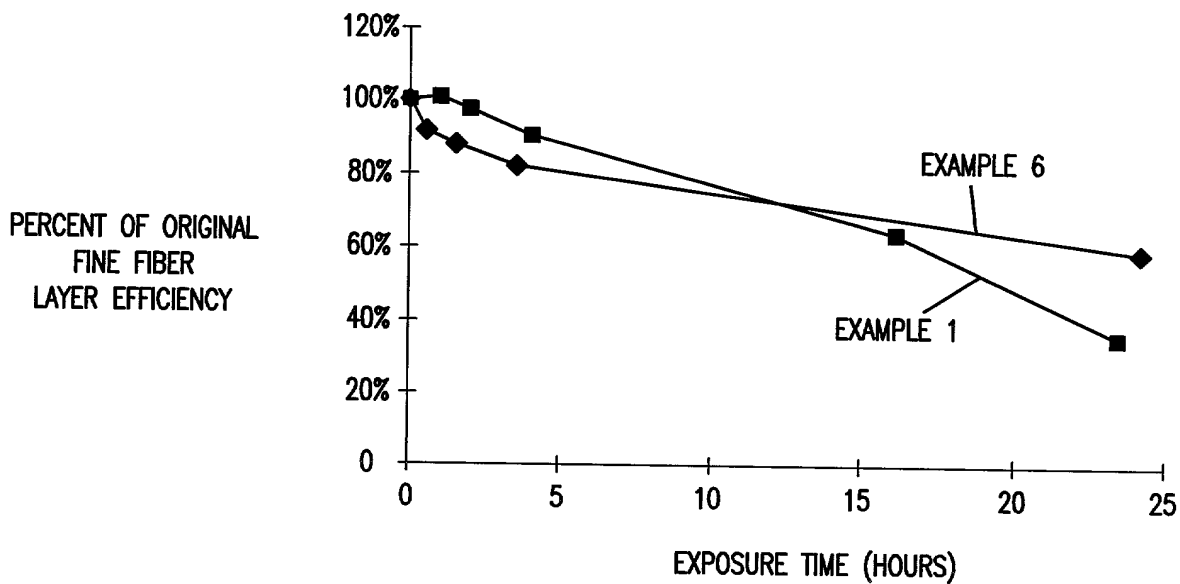
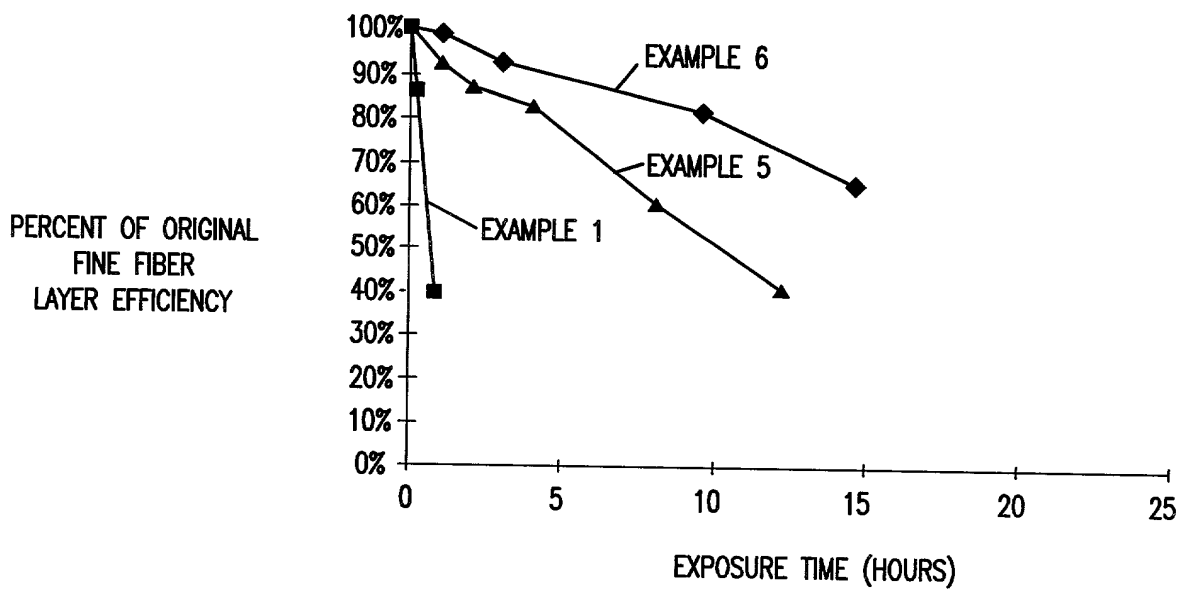
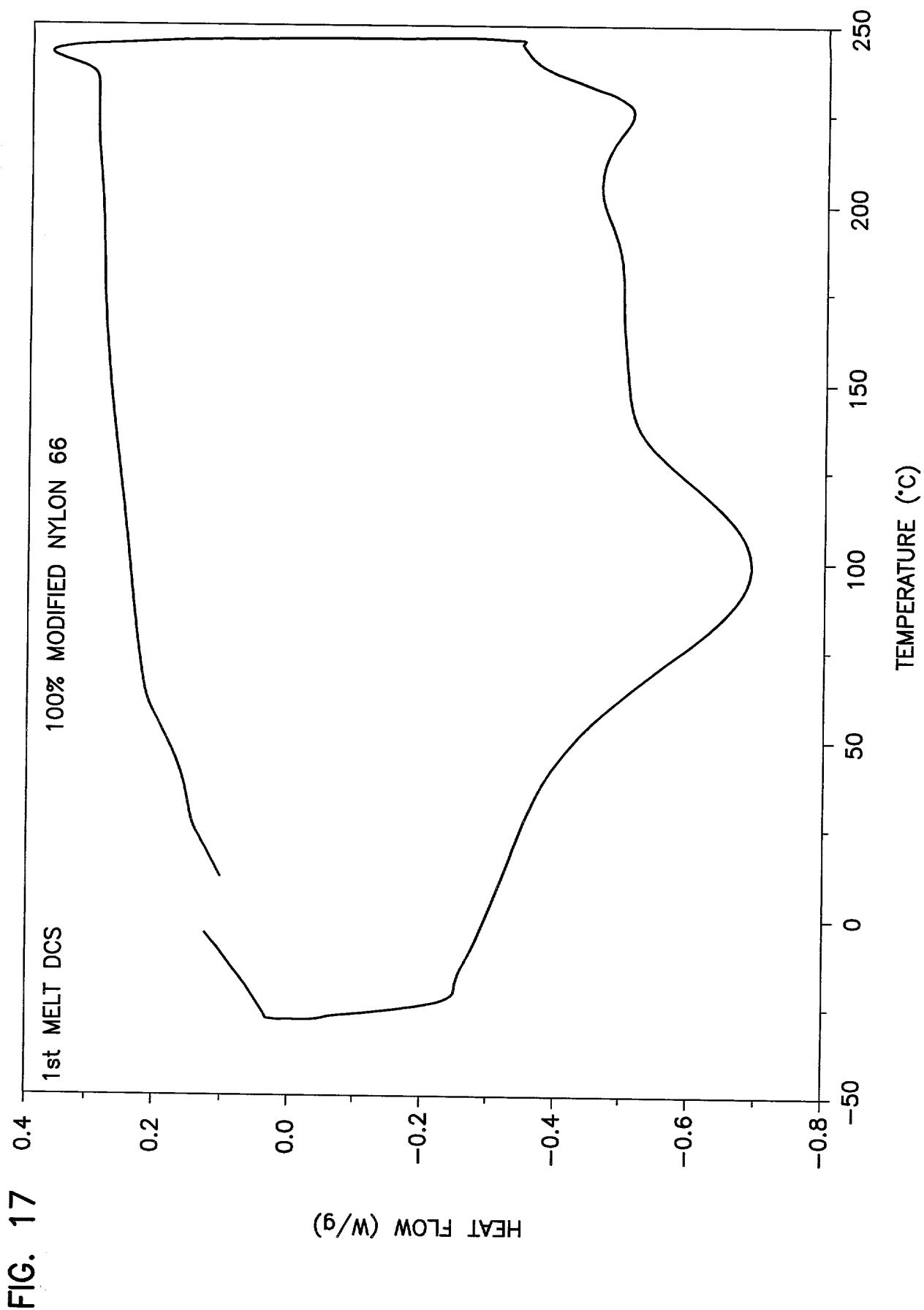
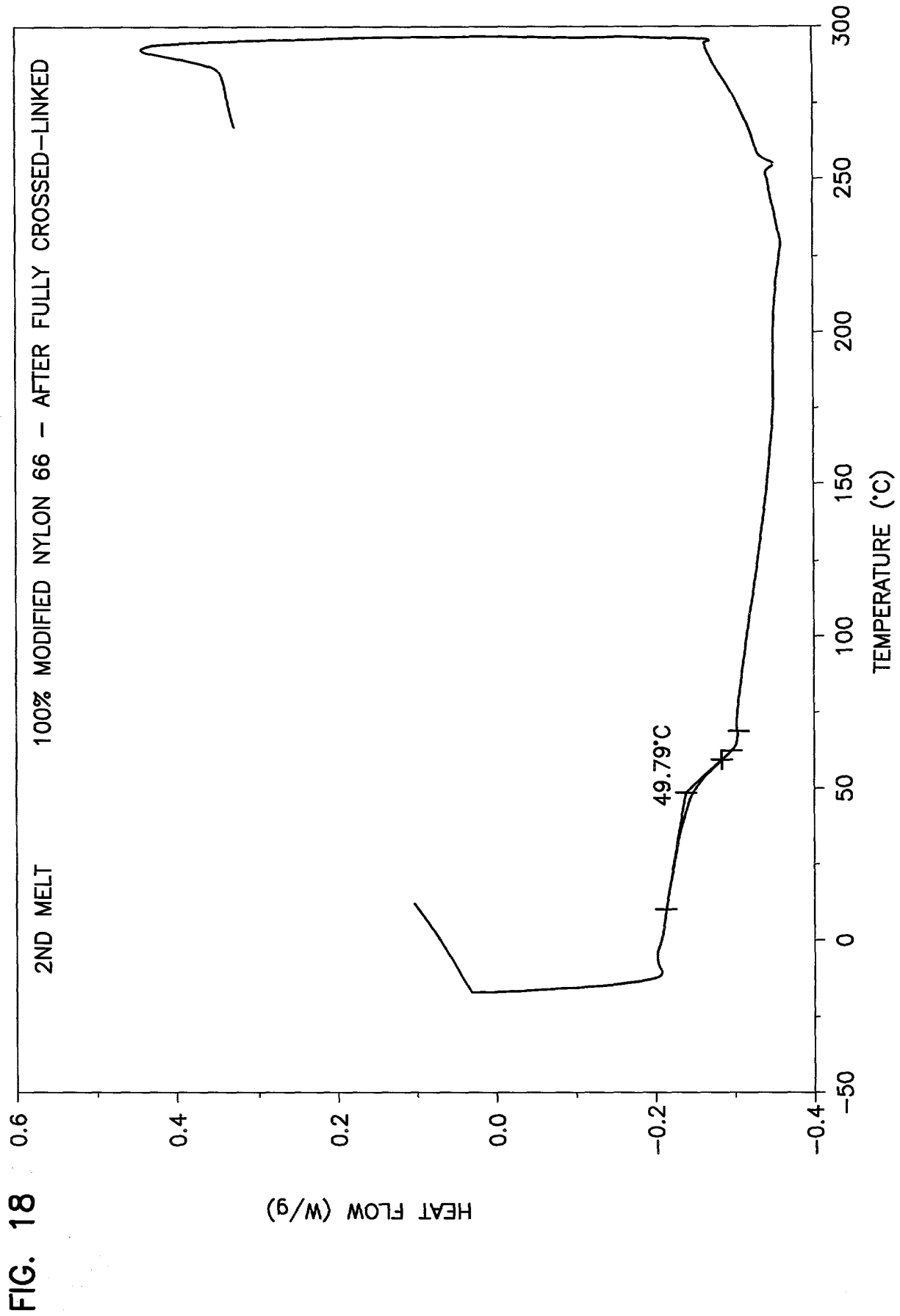


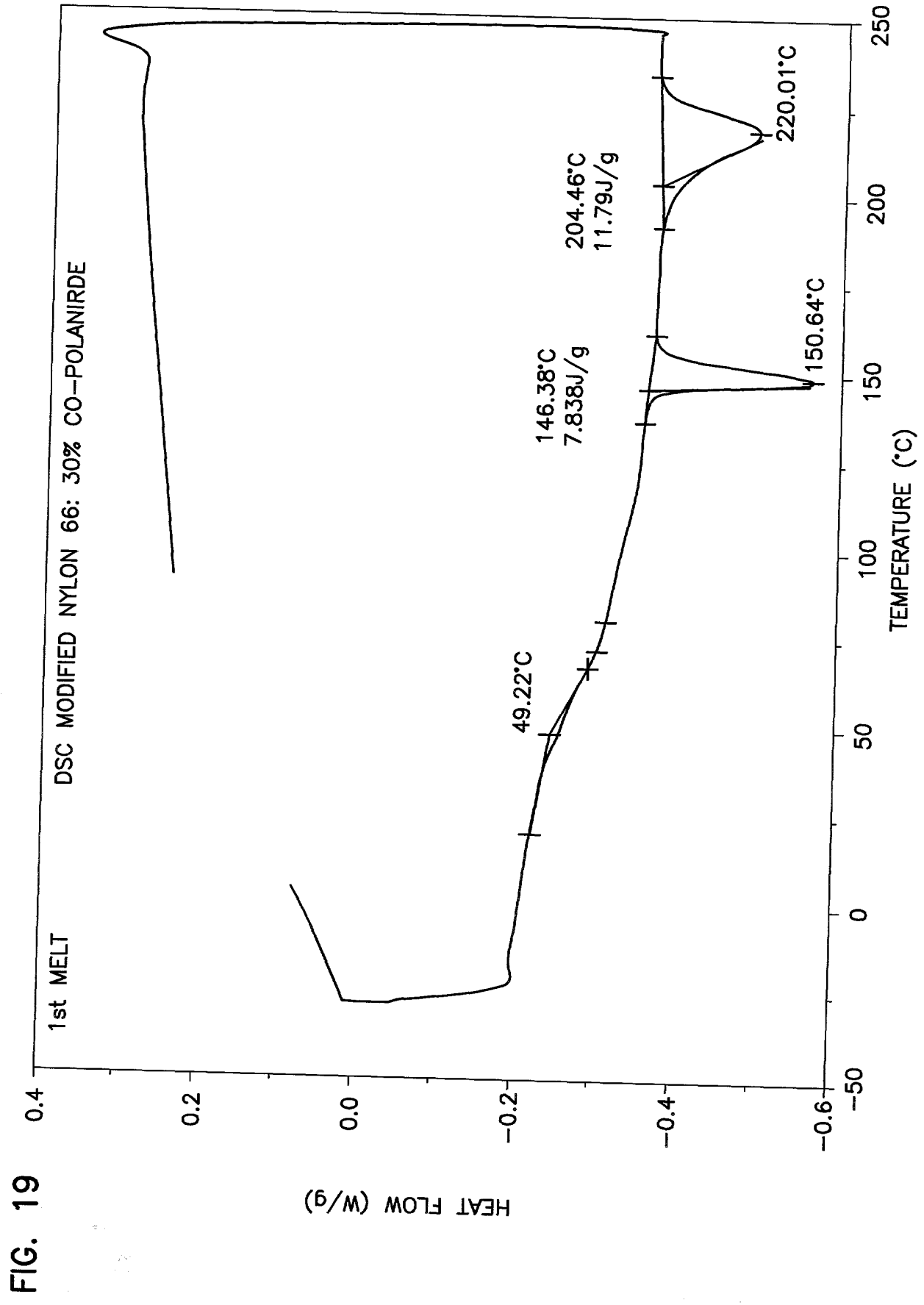
FIG. 16





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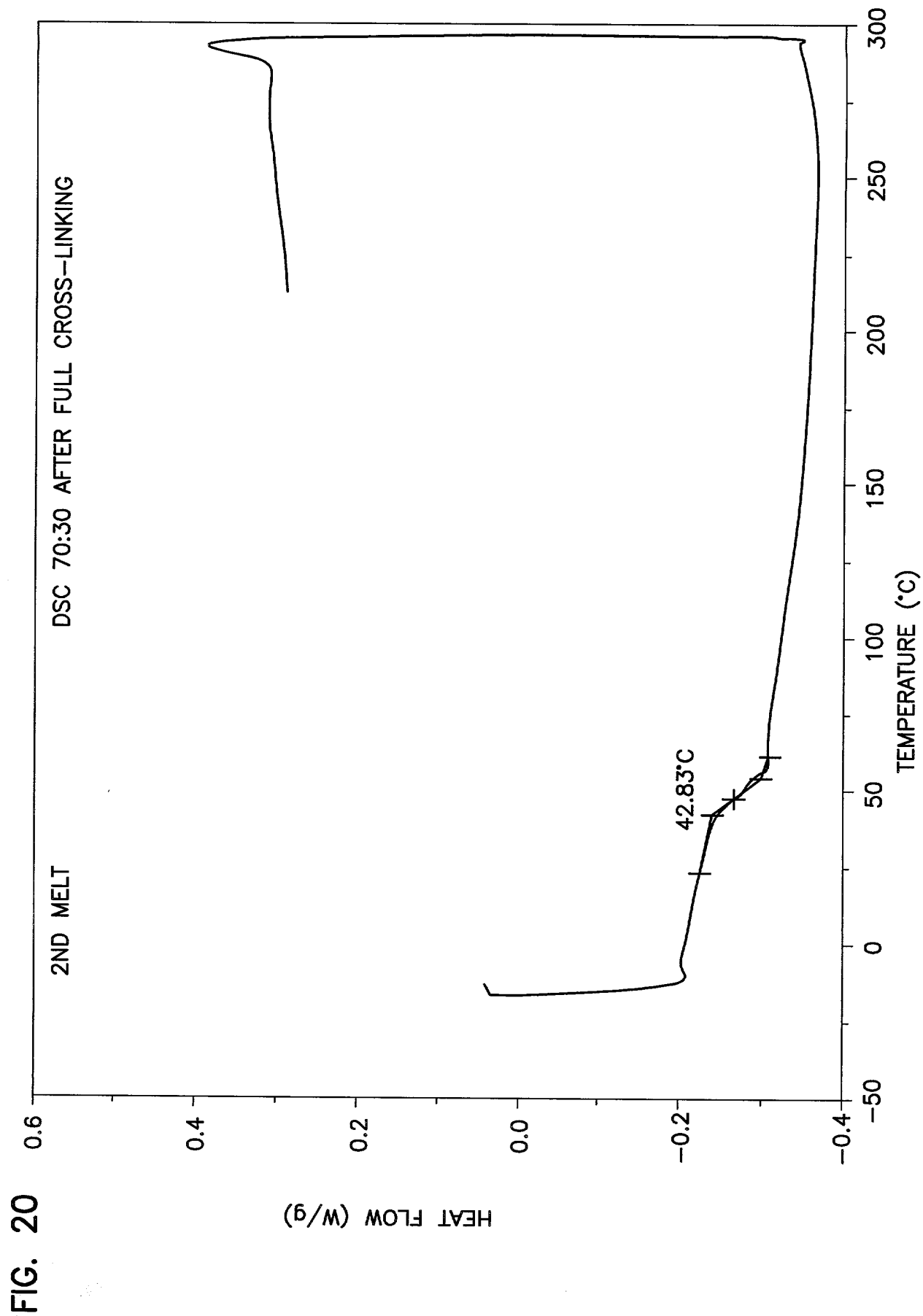
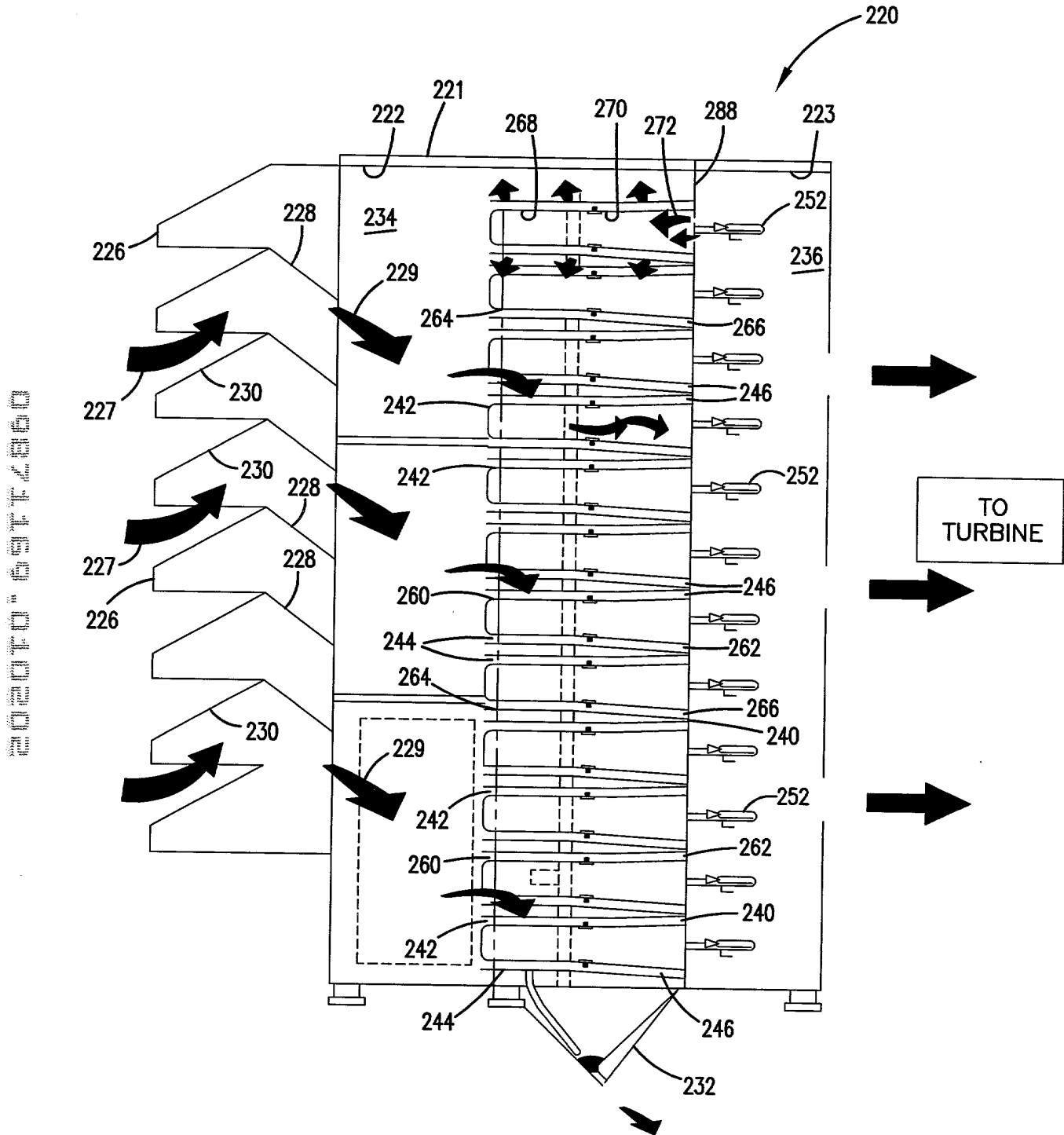


FIG. 21



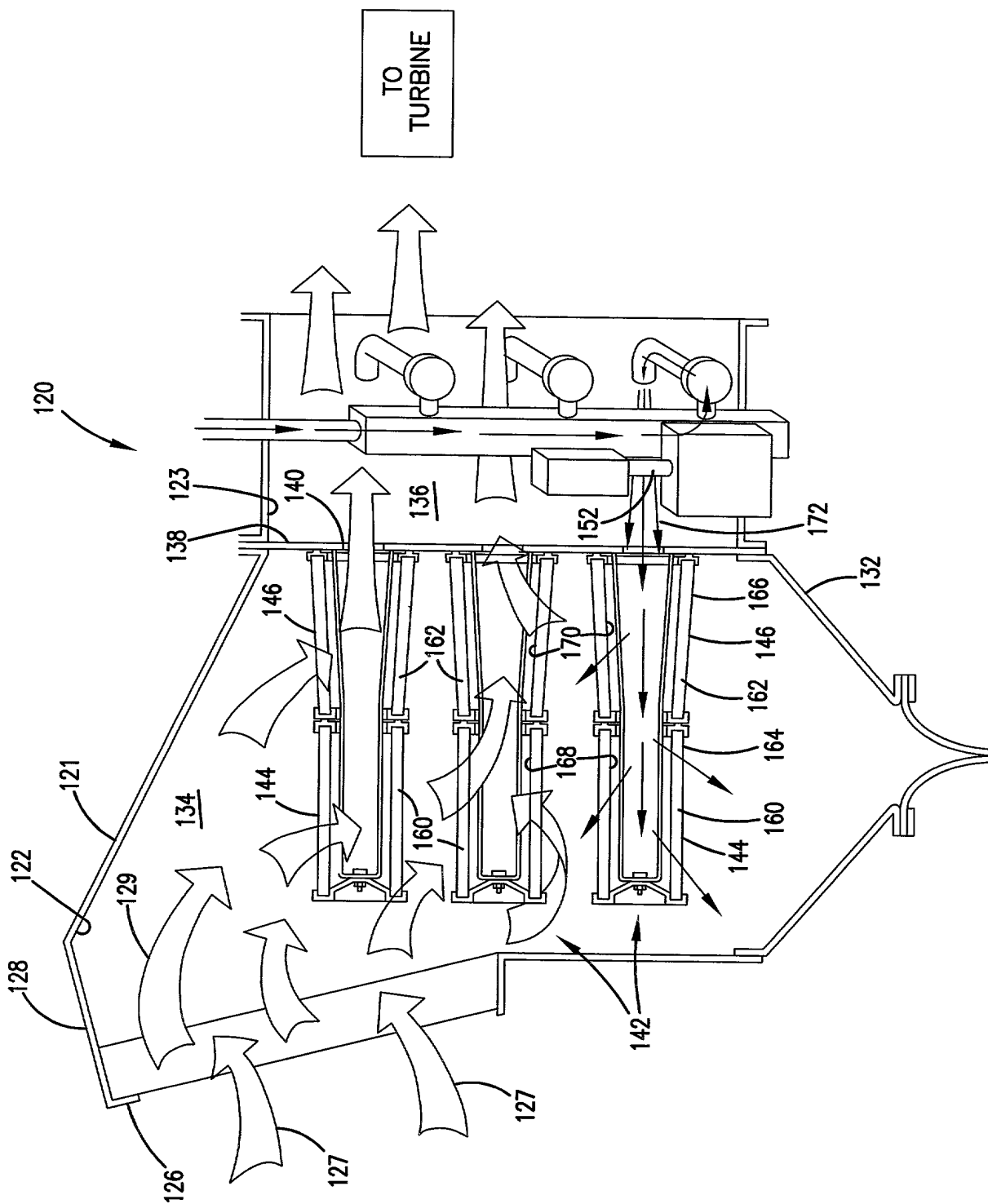


FIG. 22

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